AMSAT News Service Weekly Bulletins
Issue: ANS-300
Date: 1990-10-27
Sources: amsat-ans-1990-ans-300.01.txt

SB ALL @ AMSAT $ANS-300.01
6Y5/WD3Q DXPEDITION SUCCESS

HR AMSAT NEWS SERVICE BULLETIN 300.01 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 27, 1990
TO ALL RADIO AMATEURS BT

WD3Q DX-Pedition To Jamaica A Major Success

Eric Rosenberg (WD3Q) recently returned home to his QTH in Washington, D.C. after his AO-13 DX-Pedition to Kingston, Jamaica. Enjoying the hospitality of Hugh Brand (6Y5HB), the only ham in Jamaica on the OSCARs and using Hugh's satellite equipment, Eric gave a "live" demonstration on Oct. 13th to a group from the Jamaica Amateur Radio Association at their club station, 6Y5RA. Included in this group were non-hams consisting of government officials interested in the emergency communication possibilities of OSCARs. During the Mode B session, Eric made 35 contacts with hams in six countries on three continents. During the demonstration, everyone was able to see a map from QUIKTRAK showing the sub-satellite point of AO-13's ground track. The video monitors were made available through the kindness of a local audio-visual company in Kingston. After the AO-13 pass, Eric gave a slide presentation about the current flock of MICROSATs and what is on the horizon for AMSAT satellites. Also, during his presentation, DO-17 pass came by and using the WhatsUP program, decoded several frames of telemetry "real-time." After the demonstration and presentation, several hams indicated that they would now start on working to become active on the OSCARs. For those lucky few who made a contact with 6Y5RA, you can send your QSL to WD3Q, 338 14th. St., NE, Washington, D.C., 20002.
/EX
SB ALL @ AMSAT $ANS-300.02
S-BAND OSCAR SPECTRUM THREAT

HR AMSAT NEWS SERVICE BULLETIN 300.02 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 27, 1990
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Potential Loss Of OSCAR S-Band Spectrum Looming On The Horizon In WARC-92

The FCC has released a 150 page document known as the "Second Notice of Inquiry (NOI)" which outlines the U.S's proposal for the World Administrative Radio Conference (WARC) to be held in Spain in February '92. It outlines several different plans to reallocate the spectrum in the Amateur Radio Satellite service in the frequency range of 2390-2450 MHz. At the recent AMSAT-NA Space Symposium in Houston, TX on Oct. 20, Jan King (W3GEY), AMSAT-NA VP of Engineering, expressed his feelings about the devastating affect this would have on future OSCARs. In what is a very complicated issue, radio amateur use of this portion of the 13cm spectrum would cease so as to accommodate land-mobile systems radio. Also, there is even more pressure to take this spectrum away from radio amateurs by digital audio broadcasting concerns who want to deliver compact disk quality sound service via satellite. In the next couple of weeks the AMSAT News Service (ANS) will be providing more information about this US WARC-92 proposal found in the FCC's General Docket 89-554, paragraphs 84-105.
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SB ALL @ AMSAT $ANS-300.03
RECENT AMSAT-NA APPOINTMENTS

HR AMSAT NEWS SERVICE BULLETIN 300.03 FROM AMSAT HQ

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Recent AMSAT-NA Board of Director Appointments

At the AMSAT-NA General Meeting held the weekend of Oct. 19-21 in Houston, TX, the AMSAT-NA Board of Directors (BoD) elected the following individuals to serve as officers of the organization for the coming year:

Doug Loughmiller	(KO5I)	President & General Manager
John Champa	(K8OCL)	Executive VP
Ray Soifer	(W2RS)	Senior VP
Drew Deskur	(KA1M)	VP Special Projects
Jan King	(W3GEY)	VP Engineering
Courtney Duncan	(N5BF)	VP Operations
Jeff Wallach	(N5ITU)	VP Field Operations
Andy MacAllister	(WA5ZIB)	VP User Services
Bill Tynan	(W3XO)	VP Manned Space Operations
Art Feller	(KB4ZJ)	Treasurer
Martha Saragovitz		Secretary

The AMSAT-NA BoD has created a new position known as the VP Publications but at this time nobody has been selected to fill this position. Please stay tuned to ANS bulletins next week about further announcements of appointments made by the AMSAT-NA BoD.
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SB ALL @ AMSAT $ANS-300.04
OPERATIONS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 300.04 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 27, 1990
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AMSAT-NA Operations Net Schedule Announced

AMSAT Operations Nets are planned for the following times.
Mode B nets are conducted on an AO-13 downlink frequency of 145.950.
Mode J/L nets are conducted on an AO-13 downlink frequency of 435.970.

Date	Phs	mode	UTC	NCS	Alt.	U.S. day
03 Nov 90	98	J/L	1500	N5BF	WD0E	Saturday
10 Nov 90	96	J/L	1835	WA5ZIB	WB6LLO	Saturday
17 Nov 90	145	B	1300	KA5SMA	WB9ANQ	Saturday
24 Nov 90	97	J/L	1430	WD0E	N5BF	Saturday

Nets are scheduled for North American geographic coverage and time zones although other parts of the world are often within the footprint and check-ins from everywhere are welcome. Those who don't have adequate and convenient coverage from this net are encouraged to schedule their own nets via AO-13. Write to AMSAT Headquarters with your schedule and we will run it in ANS.

For information on the amateur satellite program and how you can participate, contact AMSAT-NA Headquarters at P.O. Box 27, Washington, DC 20044, phone (301) 589-6062, or contact your local AMSAT Area Coordinator.
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SB ALL @ AMSAT $ANS-300.05
FALL AO-13 TRANSPONDER SCHED

HR AMSAT NEWS SERVICE BULLETIN 300.05 FROM AMSAT HQ
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The transponder schedule for AO-13 is as follows:

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Mode-B :       MA 000 to MA 095
Mode-JL:       MA 095 to MA 125
Mode-LS:       MA 125 to MA 130
Mode-S :       MA 130 to MA 135
Mode-BS:       MA 135 to MA 140
Mode-B :       MA 140 to MA 256
Omnis  :       MA 220 to MA 040
This schedule is expected to continue through 26 Dec 90.
The Command Stations have oriented the spacecraft to an attitude of:

BLON = 180  and  BLAT = 0

Further attitude refinement may be performed.


AMSAT-OSCAR-10 appears NOT TO have been receiving sufficient solar panel
illumination to support Mode-B transponder operations.  Both beacon and
transponder signals show signs of FMing.  Until further notice please DO
NOT use AO-10's transponder.

It is expected that AO-10 may once again receive sufficient solar
illumination to support Mode-B transponder operation by sometime in November.
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SB ALL @ AMSAT $ANS-300.06
CDSP UPDATE

HR AMSAT NEWS SERVICE BULLETIN 300.06 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 27, 1990
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Command Station Development Programs Announces Two Promotions

Bruce Rahn, WB9ANQ, AMSAT Command Station Development Program (CSDP) Technical
Coordinator is pleased to announce the promotion of the following individuals
to Level-1:  Tom Davis, KB7HTA, and Dusty Warner, KF4AU.  To be promoted to
Level-1 in the CSDP, an individual must demonstrate the ability to receive,
reduce, and analyze telemetry data from a significant number of operational
amateur radio satellites as well as the ability to work with other people in
support of on-going and future AMSAT projects.  Tom and Dusty are to be
commended and congratulated on this significant accomplishment.

Additional information on the CSDP may be obtained from Bruce.  Please send a
SASE with one unit of postage to him at 410 Coronado Trail, Enon, Ohio 45323.
/EX
SB ALL @ AMSAT $ANS-300.07
FO-20 CONTINUES OPERATION


HR AMSAT NEWS SERVICE BULLETIN 300.07 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 27, 1990
TO ALL RADIO AMATEURS BT

Both Transponders Operational during Fever

Command stations for Fuji-OSCAR 20 have turned on both transponders (JA and
JD) of the feverish satellite.  It has been determined that transponder
operation has little effect on the internal battery temperature and so it was
decided to leave both transponders on.  FO-20 has been in a non-eclipsing
orbit since mid-August which means that the satellite is constantly in
sunlight.  The battery temperature has risen to about 40 degrees C (normal
operation should have the battery temperature between 0 to 5 degrees C).

The command team for FO-20 will be constantly monitoring the telemetry from
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FO-20 and may, without warning, turn off the transponders if it is deemed necessary for the satellite's well being.
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SB ALL @ AMSAT $ANS-300.08
AMSAT SYMPOSIUM HUGE SUCCESS

HR AMSAT NEWS SERVICE BULLETIN 300.08 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 27, 1990
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Largest Turnout Yet for AMSAT Space Symposium

The Johnson Spaceflight Center (JSC), near Houston TX was the site of the 1990 AMSAT Space Symposium and was deemed an unqualified success by its over 225 participants. The JSC Amateur Radio Club (JSC ARC) sponsored the event which took place in the JSC Visitor Center Auditorium. 22 talks were presented over the three day event. Subjects of the talks ranged from an update on the Microsat operation, to beginner's sessions on what it takes to operate through a satellite, to a look at possible new satellite projects AMSAT may take on. Ron Parise WA4SIR, along with Lou McFaddin, W5DID, presented a talk on the Shuttle Amateur Radio EXperiment (SAREX) program. Lou spoke on how the concept was developed and "sold" to NASA management. He also brought some of the prototype and flight hardware to be used on the STS-37 flight (which will have at least 4 hams on-board). Ron spoke of his mission on STS-35 and how the amateur operations will be "fit-into" his mission time line.

Saturday evening offered a taste of southern hospitality and cuisine at the JSC Recreation Center. A Texas Bar-B-Q Dinner was enjoyed by the participants which was followed by the AMSAT Annual meeting and Awards Presentation. After Sunday morning's talks, a number of attendees toured the station of Dave Blashke, W5UN, the site of the largest two meter EME array (see Jan 1989 pg 15 for a picture of the site). After Dave demonstrated "armchair" copy of SSB signals off the moon, he was presented an award for his work to rescue DO-17 (DOVE) from a condition which prevented "modestly" equipped command stations from issuing commands to DOVE.

The JSC ARC (W5RRR) has a permanent satellite station in the Visitor Center's lobby area which was used to demonstrate PACSAT and AO-13 operations. A number of attendees were also able to take advantage of the public tours of the JSC which took them into Mission Control as well as other points of interest at the facility. The AMSAT Board of Directors met that same weekend to discuss pressing AMSAT business and to set a direction where AMSAT would head as it looks to the next century.

AMSAT wishes to thank Bill Tynan, W3XO, Chairman of this year's Symposium Committee, as well as the JSC ARC who put together a well organized and exciting program. They are to be commended for all their labors which resulted in the finest AMSAT Space Symposium yet.
/EX

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